

Charles George Land Reclamation Trust Landfill

NPL Site
Administrative Record
(As supplemented pursuant to the
February 26, 1990 Order on Remand)

ROD I Signed: December 29, 1983

Index

Prepared for

Region I
Waste Management Division
U.S. Environmental Protection Agency

With Assistance from

AMERICAN MANAGEMENT SYSTEMS, INC.

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Introduction

This section is the Index to the Administrative Record for Operable Unit I of the Charles George Land Reclamation Trust Landfill National Priorities List (NPL) site. Guidance documents used by EPA staff in selecting response actions at the site are listed at the end of the Administrative Record Index.

The Administrative Record for the Charles George Land Reclamation Trust Landfill NPL site which EPA has certified to the Federal District Court on October 1, 1990 as complete includes the original Administrative Record for this site dated September 29, 1988 and the Supplemented Administrative Record for this site dated October 1, 1990. This Supplemented Administrative Record was compiled by EPA pursuant to the February 26, 1990 Order on Remand.

In addition to this Administrative Record certified and submitted to the court, the defendants have requested and the court has allowed certain other documents to be treated as part of the record. These additional materials, which EPA did not primarily rely on in selecting the remedy for the Charles George Landfill, are comprised of those documents which Original Defendants and New Defendants requested to be included by their written comments submitted to EPA on August 3, 1990. (See Record of Decision [ROD] I Administrative Record Index as Supplemented Pursuant to the February 26, 1990 Order on Remand, Section 5.4.)

The Administrative Record is available for public review at EPA Region I's Office in Boston, Massachusetts, and at the Littlefield Public Library, Tyngsborough, Massachusetts 01879. Questions concerning the Administrative Record should be addressed to the EPA Region I site manager.

The Administrative Record is required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA).

To facilitate understanding of the site, the three "operable units" or project phases for the site are defined as follows:

- Operable Unit I: The planning, design and construction of a new, permanent waterline serving the Cannongate Condominiums and surrounding area.
- Operable Unit II: The planning, design and construction of a landfill cap and appurtenant systems.
- Operable Unit III: The planning, design and construction of clean-up actions to remediate "off-site" contamination, including the treatment of collected leachate.

ADMINISTRATIVE RECORD INDEX
for the
Charles George Land Reclamation Trust Landfill NPL Site
(Operable Unit I)

1.0 Pre-Remedial

1.1 CERCLIS Site Discovery

1. Telephone Notes Between John F. Hackler, Commonwealth of Massachusetts Department of Environmental Quality Engineering and Chief Davis, Town of Dunstable Police Department.

1.2 Preliminary Assessment

1. "Identification and Preliminary Assessment" Form, EPA Region I (April 24, 1980).
2. "Preliminary Site Assessment," Ecology & Environment, Inc. (February 4, 1981).

1.3 Site Inspection

1. "Site Inspection Report" Form, EPA Region I (June 19, 1980).
2. "Tentative Disposition" Form, EPA Region I (June 24, 1980).

1.5 Correspondence Related to CERCLIS

1. Meeting Notes, Dennis Gagne, EPA Region I and Richard Fay, Town of Tyngsborough Board of Health (April 24, 1979).
2. Memorandum from Clara Chow, EPA Region I to Edward Conley, EPA Region I (May 18, 1982).

1.18 FIT Technical Direction Documents (TDDs) and Associated Records

1. "Final Report," Ecology & Environment, Inc. (December 23, 1982).

2.0 Removal Response

2.1 Correspondence

1. Memorandum from Halina Brown and Carol Rowan, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Jim Fuller, Commonwealth of Massachusetts Department of Environmental Quality Engineering (December 10, 1981).
2. Memorandum from Halina Brown, Commonwealth of Massachusetts Department of Environmental Quality Engineering to M. Ilyas Bhatti, Commonwealth of Massachusetts Department of Environmental Quality Engineering (May 7, 1982).
3. Memorandum from Carol Rowan, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Gerry McCall, Commonwealth of Massachusetts Department of Environmental Quality Engineering (June 21, 1982).

2.1 Correspondence (cont'd.)

4. Memorandum from Carol Hudak, NUS Corporation to Bill Adams, Dennis Escher, and Dan Threlfall, NUS Corporation (January 17, 1983).
5. Meeting Notes, Cannongate Condominium Association and Lanny Johnson, Commonwealth of Massachusetts Department of Environmental Affairs (January 20, 1983).
6. Letter from Thomas F. McLoughlin, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Merrill S. Hohman, EPA Region I (March 16, 1983).
7. Letter from Michael R. Deland, EPA Region I to Scott Griffith, Cannongate Condominium Association (September 8, 1983).
8. Letter from Michael R. Deland, EPA Region I to Scott Griffith, Cannongate Condominium Association (October 6, 1983).
9. Letter from Michael R. Deland, EPA Region I to Kathy Austin (March 1, 1984).
10. Letter from Robert Palermo, NUS Corporation to Richard Leighton, EPA Region I (March 23, 1984).

2.2 Removal Response Reports

1. "Report on Winterization Study for Temporary Water Supply Line," Whitman & Howard, Inc. for the Commonwealth of Massachusetts Department of Environmental Quality Engineering (April 1983).

2.3 Sampling and Analysis Data

The Sampling and Analysis Data for the Removal Response may be reviewed, by appointment only, through EPA Region I, Boston, Massachusetts.

2.5 On-Scene Coordinator Reports

1. On-Scene Coordinator Report, EPA Region I (June 1, 1984).

3.0 Remedial Investigation (RI)

3.1 Correspondence

1. Letter from John P. Emerson Jr., Town of Tyngsborough Board of Health to Susan Sladek, EPA Region I (June 1, 1982).
2. Letter from Gilbert T. Joly, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Scott Griffith, Cannongate Homeowner's Association (July 13, 1982).
3. Letter from M. Ilyas Bhatti, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Scott Griffith, Cannongate Homeowner's Association (July 16, 1982).
4. Letter from Daniel P. Waltz, Ecology & Environment, Inc. to H. Patricia Hynes, EPA Region I (December 28, 1982).
5. Memorandum from Clara Chow, EPA Region I to H. Patricia Hynes, EPA Region I (January 19, 1983).
6. Letter from H. Patricia Hynes, EPA Region I to Madeline Snow, Commonwealth of Massachusetts Department of Environmental Quality Engineering (February 24, 1983).
7. Letter from Anton T. Moehrke, Wright & Moehrke for Charles George Land Reclamation Trust to H. Patricia Hynes, EPA Region I (March 21, 1983).

3.1 Correspondence (cont'd.)

8. Memorandum from Clara Chow, EPA Region I to Bill Kaschak, EPA Region I (August 1, 1983).
9. Memorandum from Carol Rowan, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Gerry McCall and M. Ilyas Bhatti, Commonwealth of Massachusetts Department of Environmental Quality Engineering (August 31, 1983).

3.2 Sampling and Analysis Data

The Sampling and Analysis Data for the Remedial Investigation (RI) may be reviewed, by appointment only, through EPA Region I, Boston, Massachusetts. 57

3.4 Interim Deliverables

1. "Draft - Wide Angle 3D Vertical Seismic Profiling Survey," Weston Geophysical Corporation for NUS Corporation (October 1983).
2. "Remedial Action Master Plan," NUS Corporation (November 1983).

3.5 Applicable or Relevant and Appropriate Requirements

1. "National Contingency Plan 40 CFR §300.68 (e)."

4.0 Feasibility Study (FS)

4.6 Feasibility Study (FS) Reports

1. Letter Report from E. A. Cooney, Whitman & Howard, Inc. to the Town of Tyngsborough Water Study Committee (June 30, 1982).
2. "Water Supply Alternatives - Cannongate Area - Part 2 of 2," Fay, Spofford, & Thorndike, Inc. (September 1983).
3. "Water Supply Alternatives - Cannongate Area - Part 1 of 2," NUS Corporation (October 1983).

5.0 Record of Decision (ROD)

5.3 Responsiveness Summaries

1. Cross Reference: "Responsiveness Summary - Water Supply Record of Decision - Change of Scope," EPA Region I [Filed and cited as attachment 3 to entry number 3 in 5.4 Record of Decision (ROD)].

5.4 Record of Decision (ROD)

Reports

1. "Record of Decision - Remedial Action Selection," EPA Headquarters (December 29, 1983).
- * 2. "Changes in Scope to the Water Supply Record of Decision," EPA Region I (May 18, 1988).
3. Memorandum from Merrill S. Hohman, EPA Region I to Michael R. Deland, EPA Region I (June 30, 1988) with attachments.

* this is an E.D. (Date of Decision 12/1/82)

5.4 Record of Decision (ROD) (cont'd.)

Comments

4. Comments Dated June 8, 1988 from Elizabeth Coughlin, Town of Tyngsborough Conservation Commission on the May 18, 1988 "Changes in Scope to the Water Supply Record of Decision," EPA Region I.

6.0 Remedial Design (RD)

6.1 Correspondence

1. Meeting Notes, EPA Region I and U.S. Army Corps of Engineers (March 14, 1984).
2. Letter from H. Patricia Hynes, EPA Region I to Randal K. Petersen, U.S. Army Corps of Engineers (March 16, 1984).
3. Letter from Thaddee O. Gaudette, Tyngsborough Water District to H. Patricia Hynes, EPA Region I (May 15, 1984).
4. Letter from Stanley L. Carlock, U.S. Army Corps of Engineers to Hoyle, Tanner, & Associates, Inc. (June 7, 1984).
5. Meeting Notes, EPA Region I, Massachusetts Department of Environmental Quality Engineering, U.S. Army Corps Engineers, Hoyle, Tanner, & Associates, Inc., Tyngsborough Water District and Cannongate (June 13, 1984).
6. Letter from R. W. Kelley, U.S. Army Corps of Engineers to H. Patricia Hynes, EPA Region I (June 27, 1984).
7. Letter from William R. Hall Jr., Hoyle, Tanner, & Associates, Inc. to Randal K. Petersen, U.S. Army Corps of Engineers (June 29, 1984).
8. Letter from Stanley L. Carlock, U.S. Army Corps of Engineers to William R. Hall Jr., Hoyle, Tanner, & Associates, Inc. (July 3, 1984).
9. Letter from William R. Hall Jr., Hoyle, Tanner, & Associates, Inc. to Randal K. Petersen, U.S. Army Corps of Engineers (July 6, 1984).
10. Letter from Stanley L. Carlock, U.S. Army Corps of Engineers to H. Patricia Hynes, EPA Region I (July 11, 1984).
11. Letter from Randal K. Petersen, U.S. Army Corps of Engineers to H. Patricia Hynes, EPA Region I (August 27, 1984).
12. Letter from Stanley L. Carlock, U.S. Army Corps of Engineers to Gregory A. Smith, Merrimack River Watershed Council (September 20, 1984).
13. Letter from Stanley L. Carlock, U.S. Army Corps of Engineers to William R. Hall Jr., Hoyle, Tanner, & Associates, Inc. (October 16, 1984).
14. Letter from Randal K. Petersen, U.S. Army Corps of Engineers to H. Patricia Hynes, EPA Region I (October 16, 1984).
15. Telephone Notes Between Robert A. Shatten, EPA Region I and Robert Bois, Commonwealth of Massachusetts Department of Environmental Quality Engineering (March 12, 1985).
16. Letter from John F. Hackler, EPA Region I to Stanley L. Carlock, U.S. Army Corps of Engineers (April 2, 1985).
17. Letter from Robert A. Shatten, EPA Region I to Richard Bates, Commonwealth of Massachusetts Department of Environmental Quality Engineering (April 11, 1985).
18. Letter from Robert A. Shatten, EPA Region I to Randal K. Petersen, U.S. Army Corps of Engineers (May 15, 1985).
19. Letter from Merrill S. Hohman, EPA Region I to James McAdams, Vesper Country Club (May 22, 1985).
20. Letter from Robert A. Shatten, EPA Region I to James McAdams, Vesper Country Club (August 14, 1985).

6.1 Correspondence (cont'd.)

21. Telephone Notes Between Robert A. Shatten, EPA Region I and Bill Brown, U.S. Army Corps of Engineers (October 16, 1985).
22. Letter from Merrill S. Hohman, EPA Region I to James C. Coleman, Commonwealth of Massachusetts Department of Environmental Quality Engineering (October 29, 1985).
23. Letter from Robert A. Shatten, EPA Region I to James McAdams, Vesper Country Club (November 21, 1985).
24. Memorandum from Robert A. Shatten, EPA Region I to Richard Cavagnero, EPA Region I (January 24, 1986).
25. Telephone Notes Between Robert A. Shatten, EPA Region I and Maurice Beaudoin, U.S. Army Corps of Engineers (February 19, 1986).
26. Letter from Ira Leighton, EPA Region I to Madeline Snow, Commonwealth of Massachusetts Department of Environmental Quality Engineering (February 25, 1986).
27. Letter from Randal K. Petersen, U.S. Army Corps of Engineers to Robert A. Shatten, EPA Region I (March 14, 1986).
28. Letter from Randal K. Peterson, U.S. Army Corps of Engineers to Robert A. Shatten, EPA Region I (May 14, 1986).
29. Letter from Randal K. Petersen, U.S. Army Corps of Engineers to Robert A. Shatten, EPA Region I (June 18, 1986).
30. Letter from Robert A. Shatten, EPA Region I to Cliff Vacirca, U.S. Army Corps of Engineers (August 28, 1986).
31. Letter from Robert A. Shatten, EPA Region I to Cliff Vacirca, U.S. Army Corps of Engineers (December 4, 1986).
32. Memorandum from Steven P. Farrick, EPA Region I to File (July 31, 1987).
33. Memorandum from EPA Region I to File. Concerning an operation and maintenance manual.
34. Memorandum from EPA Region I to File. Concerning Drawing Review Comments.
35. Memorandum from EPA Region I to File. Concerning the comparison of EPA Region I and Commonwealth of Massachusetts Department of Environmental Quality Engineering Design Factors.
36. Letter from Robert A. Shatten, EPA Region I to Thaddee O. Gaudette, Tyngsborough Water District.

6.3 Applicable or Relevant and Appropriate Requirements (ARARs)

1. "Safety and Occupational Health Document Requirements for Hazardous Waste Site Remedial Actions," U.S. Army Corps of Engineers (August 30, 1984).
2. "Health and Safety."

6.4 Remedial Design Documents

Reports

1. "Extension of Municipal Water Supply Line - Appendix A," U.S. Army Corps of Engineers (March 1984).
2. "Route Selection - Extension of Municipal Water Supply Line," Hoyle, Tanner, & Associates, Inc. for the U.S. Army Corps of Engineers (April 1984).
3. "Final Design Analysis - Extension of Municipal Water Supply Line," Hoyle, Tanner, & Associates, Inc. for the U.S. Army Corps of Engineers (July 1984).
4. "Specifications for the Construction of Extension of Municipal Water Supply Line," Hoyle, Tanner, & Associates, Inc. for the U.S. Army Corps of Engineers (July 1984).

6.4 Remedial Design Documents (cont'd.)

Comments

5. Comments Dated June 11, 1984 from Randal K. Peterson, et al., U.S. Army Corps of Engineers on the April 1984 "Route Selection - Extension of Municipal Water Supply Line," Hoyle, Tanner, & Associates.

7.0 Remedial Action (RA)

7.2 Sampling and Analysis Data

The Sampling and Analysis Data for the Remedial Action may be reviewed, by appointment only, through EPA Region I, Boston, Massachusetts.

7.4 Applicable or Relevant and Appropriate Requirements (ARARs)

1. Letter from Robert A. Kimball, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Thaddee O. Gaudette, Tyngsborough Water District (November 7, 1984).
2. Letter from Stanley L. Carlock, U.S. Army Corps of Engineers to H. Patricia Hynes, EPA Region I (November 19, 1984).
3. Letter from Richard Bates, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Randal K. Petersen, U.S. Army Corps of Engineers (January 14, 1985).

9.0 State Coordination

9.3 State Contracts

1. "Superfund State Contract Between the Commonwealth of Massachusetts and the U.S. Environmental Protection Agency for Remedial Measure," (August 30, 1984).
2. Memorandum from Merrill S. Hohman, EPA Region I to Michael R. Deland, EPA Region I (June 3, 1986).
3. "Amendment #1 to the Superfund State Contract Between the Commonwealth of Massachusetts and the U.S. Environmental Protection Agency for a Remedial Measure" (June 11, 1986).
4. Memorandum from Merrill S. Hohman, EPA Region I to Michael R. Deland, EPA Region I (June 30, 1988) with attached "Amendment #2 to the State Superfund Contract Between the Commonwealth of Massachusetts and the U.S. Environmental Protection Agency for Remedial Measure Related to the Charles George Reclamation Trust Landfill Site" (June 30, 1988) and "Amendment #3 to the State Superfund Contract Between the Commonwealth of Massachusetts and the U.S. Environmental Protection Agency for Remedial Measure Related to the Charles George Reclamation Trust Landfill Site" (July 28, 1988).

13.0 Community Relations

13.1 Correspondence

1. Letter from Nancy E. Lapointe to Anthony D. Cortese, Commonwealth of Massachusetts Department of Environmental Quality Engineering (October 13, 1981).
2. Letter from Susan M. Beers and Scott Griffith to H. Patricia Hynes, EPA Region I (July 13, 1982).

13.1 Correspondence (cont'd.)

3. Letter from Susan M. Beers and Scott Griffith to John Moebes, EPA Region I (August 11, 1982).
4. Letter from Kathleen Austin and Charles Austin to John Moebes, EPA Region I (August 15, 1982).
5. Letter from Kathleen Austin to Ronald Reagan, President of the United States (August 15, 1982).
6. Letter from David H. Mason, The Central Savings Bank to the Board of Directors, Cannongate II (November 30, 1982).
7. Letter from Patricia Allen to H. Patricia Hynes, EPA Region I (January 23, 1983).
8. Letter from Cannongate Condominium Association to Michael Dukakis, Governor of the Commonwealth of Massachusetts (March 1, 1983).
9. Letter from Linda Wray Deutsch to H. Patricia Hynes, EPA Region I (June 12, 1983).
10. Letter from Warren G. Deutsch, Cannongate Condominium Complex to H. Patricia Hynes, EPA Region I (June 12, 1983).
11. Letter from Lee M. Thomas, EPA Headquarters to Joseph Burda (July 8, 1983).
12. Letter from Scott Griffith, Cannongate II Association to Anthony D. Cortese, Commonwealth of Massachusetts Department of Environmental Quality Engineering (July 20, 1983).
13. Letter from Scott Griffith, Cannongate Condominium Association to Michael R. Deland, EPA Region I (September 10, 1983).
14. Letter from H. Patricia Hynes, EPA Region I to Piconics Inc. (December 7, 1983).
15. Letter from James C. Colman, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Paul J. Sheehy, Member of the Commonwealth of Massachusetts Senate (May 2, 1985).
16. Letter from Cheryl A. Brodeur and Stephen K. Brodeur to Michael R. Deland, EPA Region I (April 2, 1986).
17. Letter from William A. Rogers and Michelle Rogers to Michael R. Deland, EPA Region I (April 4, 1986).
18. Letter from Michael R. Deland, EPA Region I to Cheryl A. Brodeur and Stephen K. Brodeur (April 18, 1986).
19. Letter from Steven P. Farrick, EPA Region I to William A. Rogers (May 6, 1986).
20. Letter from Nancy Hendrigan, Kathy Austin, and Roger Corey, Cannongate II Association to Michael R. Deland, EPA Region I (November 18, 1987).

13.5 Fact Sheets

1. "Report on EPA Operations," EPA Region I (October 25, 1983).
2. "Report on EPA Operations," EPA Region I (November 14, 1983).
3. "Report on EPA Operations," EPA Region I (November 28, 1983).
4. "Report on EPA Operations," EPA Region I (December 27, 1983).
5. "Report on EPA Operations," EPA Region I (February 8, 1984).
6. "EPA Progress and Plans," EPA Region I (November 1984).

14.0 Congressional Relations

14.1 Correspondence

1. Letter from Kathleen Austin to Edward M. Kennedy, Member of the U.S. Senate (February 20, 1982).
2. Letter from Edward M. Kennedy, Member of the U.S. Senate to EPA Region I (March 4, 1982).
3. Letter from Edward M. Kennedy, Member of the U.S. Senate to EPA Region I (May 12, 1982).
4. Letter from Anthony D. Cortese, Commonwealth of Massachusetts Department of Environmental Quality Engineering to Edward M. Kennedy, Member of the U.S. Senate (June 21, 1982).
5. Letter from Lester A. Sutton, EPA Region I to Paul E. Tsongas, Member of the U.S. Senate (July 14, 1982).
6. Letter from Lester A. Sutton, EPA Region I to Edward M. Kennedy, Member of the U.S. Senate (July 14, 1982).
7. Letter from Lester A. Sutton, EPA Region I to James M. Shannon, Member of the U.S. House of Representatives (July 14, 1982).
8. Letter from Edward M. Kennedy and Paul E. Tsongas, Members of the U.S. Senate to Lester A. Sutton, EPA Region I (September 9, 1982).
9. Letter from Lester A. Sutton, EPA Region I to Edward M. Kennedy and Paul E. Tsongas, Members of the U.S. Senate (November 4, 1982).
10. Letter from Paul E. Tsongas, Member of the U.S. Senate to Michael R. Deland, EPA Region I (August 22, 1983).
11. Letter from Andrew E. Lauterback, EPA Region I to Kathleen Austin.

17.0 Site Management Records

17.2 Access Records

1. Letter from Lawrence M. Goldman, EPA Region I to Charles George (March 3, 1981).
2. Letter from Lawrence M. Goldman, EPA Region I to James C. George (March 10, 1981).
3. Letter from James R. Gomes, Commonwealth of Massachusetts Department of the Attorney General to Anton T. Moehrke, Jager, Smith, Stetler, & Moehrke for Charles George Land Reclamation Trust (November 9, 1982).
4. Letter from Anton T. Moehrke, Jager, Smith, Stetler & Moehrke for Charles George Land Reclamation Trust to James R. Gomes, Commonwealth of Massachusetts Department of the Attorney General (November 24, 1982).
5. Letter from James R. Gomes, Commonwealth of Massachusetts Department of the Attorney General to Anton T. Moehrke, Jager, Smith, Stetler & Moehrke for Charles George Land Reclamation Trust (December 7, 1982).
6. Letter from James R. Gomes, Commonwealth of Massachusetts Department of the Attorney General to Anton T. Moehrke, Jager, Smith, Stetler & Moehrke for Charles George Land Reclamation Trust (December 13, 1982).
7. Letter from Michael Thomas, EPA Region I to Anton T. Moehrke, Wright & Moehrke for Charles George Land Reclamation Trust (April 6, 1983).
8. Letter from Anne Rogers, Commonwealth of Massachusetts Department of the Attorney General to Anton T. Moehrke, Wright & Moehrke for Charles George Land Reclamation Trust (July 14, 1983).
9. Letter from Anton T. Moehrke, Wright & Moehrke for Charles George Land Reclamation Trust to Anne Rogers, Commonwealth of Massachusetts Department of the Attorney General (July 26, 1983).

17.2 Access Records (cont'd.)

10. Letter from Robert J. Ankstius, EPA Region I to Anton T. Moehrke, Wright & Moehrke for Charles George Land Reclamation Trust (November 14, 1983).
11. Letter from Anton T. Moehrke, Wright & Moehrke for Dorothy George to William Walsh-Rogalski, EPA Region I (November 23, 1983).
12. Letter from William Walsh-Rogalski, EPA Region I to Anton T. Moehrke, Wright & Moehrke for Charles George Land Reclamation Trust (December 1, 1983).
13. Letter from Anton T. Moehrke, Wright & Moehrke for Charles George Land Reclamation Trust to William Walsh-Rogalski, EPA Region I (December 2, 1983).
14. Letter from Anton T. Moehrke, Wright & Moehrke for Dorothy George to William Walsh-Rogalski, EPA Region I (December 5, 1983).

17.8 State and Local Technical Records

1. Letter from Gerald J. Collins, Nashoba Associated Boards of Health to the Town of Tyngsborough Board of Health (July 15, 1976).
2. Letter from Gerald J. Collins, Nashoba Associated Boards of Health to the Town of Tyngsborough Board of Health (October 14, 1976).
3. "Technical Report," Skinner & Sherman Laboratories Inc. for the Town of Tyngsborough Board of Health (February 15, 1979).
4. "Technical Report," Skinner & Sherman Laboratories Inc. for the Town of Tyngsborough Board of Health (April 13, 1979).

**ADMINISTRATIVE RECORD INDEX AS SUPPLEMENTED PURSUANT
TO THE FEBRUARY 26, 1990 ORDER ON REMAND**

for the

Charles George Land Reclamation Trust Landfill NPL Site

(Operable Unit I)

5.0 Record of Decision (ROD)

5.1 Correspondence

1. Letter from Stephen Wald, Craig and Macauley (Attorney for James George and Charles George Jr.) to RuthAnn Sherman, EPA Region I (May 25, 1990). Concerning request for identification of persons responsible for selecting the remedy.
2. Letter from Stephen Wald, Craig and Macauley (Attorney for James George and Charles George Jr.) to RuthAnn Sherman, EPA Region I (May 25, 1990). Concerning request for additional time to question persons responsible for selecting the remedy and to prepare the reports used in selecting the remedy.

5.3 Responsiveness Summaries

1. "Response to Technical Comments Received Pursuant to the February 26, 1990 Order on Remand," EPA Region I (October 1, 1990) including Errata Sheet dated January 4, 1991.
2. "Response to Comments Submitted by Ropes & Gray and Craig and Macauley," EPA Region I (October 1, 1990).

5.4 Record of Decision (ROD)

1. Letter from Michael J. Lack, Lack & Sragow (Attorney for Charles George Sr., Charles George Land Reclamation Trust, and Charles George Trucking Company, Inc.) to David J. Dickerson, EPA Region I (August 2, 1990). Concerning transmittal of attached comments on the remedy.
2. Letter from Stephen Wald, Craig and Macauley (Attorney for James George and Charles George Jr.) and Laurence M. Johnson, Johnson & Schwartzman (Attorney for Charles George Jr.) to David J. Dickerson, EPA Region I (August 3, 1990) with attached August 1990 "Review of Superfund Records of Decision," Haley & Aldrich, Inc. Concerning comments on EPA response actions.
3. Letter from Thomas H. Hannigan Jr., Ropes & Gray (Attorney for "Certain New Defendants") to David J. Dickerson, EPA Region I (August 3, 1990) with attached August 3, 1990 "Technical Comments on Remedial Actions," Dames & Moore and GEI Consultants, Inc. and August 3, 1990 "Comments of Certain New Defendants on EPA's Remedial Action Decisions," Ropes & Gray. Concerning remand comments.

9.0 State Coordination

9.3 EPA/State Contracts

1. Memorandum from Merrill S. Hohman, EPA Region I to Michael R. Deland, EPA Region I with attached "Amendment #4 to the State Superfund Contract Between the Commonwealth of Massachusetts and the U.S. Environmental Protection Agency for Remedial Measure Related to the Charles George Reclamation Trust Landfill Site" (June 8, 1989).

13.0 Community Relations

13.3 News Clippings/Press Releases

News Clippings

1. "The United States Environmental Protection Agency Invites Public Comment to Supplement the Administrative Record," Newsweekly - Chelmsford, MA (May 10, 1990).
2. "The United States Environmental Protection Agency Invites Public Comment to Supplement the Administrative Record," The Sun - Lowell, MA (May 11, 1990).
3. "The United States Environmental Protection Agency Invites Additional Public Comment to Supplement the Administrative Record," The Sun - Lowell, MA (July 7, 1990).

Press Releases

4. "The United States Environmental Protection Agency Invites Public Comment to Supplement the Administrative Record," EPA Region I.
5. "The United States Environmental Protection Agency Invites Additional Public Comment to Supplement the Administrative Record," EPA Region I.

13.4 Public Meetings

1. Meeting Notes, Town of Dunstable Selectmen (August 29, 1983 through December 19, 1983).
2. Transcript, Public Meeting on the Order on Remand (May 23, 1990).
3. Transcript, Public Meeting on the Order on Remand (May 24, 1990).
4. Transcript, Public Meeting on the Order on Remand (May 31, 1990).
5. Transcript, Public Meeting on the Order on Remand (July 9, 1990).

Charles George Land Reclamation Trust Landfill

NPL Site
Administrative Record
(As supplemented pursuant to the
February 26, 1990 Order on Remand)

Guidance Documents

Prepared for

Region I
Waste Management Division
U.S. Environmental Protection Agency

GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at EPA Region I, Boston, Massachusetts.

General EPA Guidance Documents

1. Comprehensive Environmental Response, Compensation, and Liability Act of 1980, amended October 17, 1986. [C018]
2. Memorandum from Gene Lucero to the U.S. Environmental Protection Agency, August 28, 1985 (discussing community relations at Superfund Enforcement sites). [C053]
3. Memorandum from J. Winston Porter to Addressees ("Regional Administrators, Regions I-X; Regional Counsel, Regions I-X; Director, Waste Management Division, Regions I, IV, V, VII, and VIII; Director, Emergency and Remedial Response Division, Region II; Director, Hazardous Waste Management Division, Regions III and VI; Director, Toxics and Waste Management Division, Region IX; Director, Hazardous Waste Division, Region X; Environmental Services Division Directors, Region I, VI, and VII"), July 9, 1987 (discussing interim guidance on compliance with applicable or relevant and appropriate requirements). [C055]
4. "National Oil and Hazardous Substances Pollution Contingency Plan," Code of Federal Regulations (Title 40, Part 300), 1985. [C043]
5. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Community Relations in Superfund: A Handbook (Interim Version) (EPA/HW-6), September 1983. [C017]
6. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Draft Guidance on Remedial Actions for Contaminated Groundwater at Superfund Sites (OSWER Directive 9283.1-2), September 20, 1986. [C022]
7. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Handbook: Remedial Action at Waste Disposal Sites (EPA-625/6-82-006), June 1982 (Revised October 1985). [2309]
8. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Federal-Lead Remedial Project Management Handbook (EPA/540/G-87/001, OSWER Directive 9355.1-1), December 1986. [2010]
9. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Public Health Evaluation Manual (OSWER Directive 9285.4-1), October 1986. [5014]
10. U.S. Environmental Protection Agency. Office of Ground-Water Protection. Ground-Water Protection Strategy, August 1984. [2403]
11. U.S. Environmental Protection Agency. Office of Research and Development, Office of Emergency and Remedial Response, and Office of Solid Waste and Emergency Response. Covers for Uncontrolled Hazardous Waste Sites (EPA-540/2-85-000), January 1985 (Revised September 1985). [2200]
12. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Data Quality Objectives for Remedial Response Activities: Development Process (EPA/540/G-87/003), March 1987. [2101]
13. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Guidance on Feasibility Studies under CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) (EPA/540/G-85/003), June 1985. [C034]

14. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Guidance on Remedial Investigations under CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) (EPA/540/G-85/002), June 1985. [C035]
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